

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 900093.92626  
First Inventor Ronald R. Hinchey, Jr.  
Title ROTARY VANE PUMP WITH MULTIPLE SOUND  
DAMPENED INLET PORTS  
Express Mail Label No. EV 357759026

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 12]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages 2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



or ☐ Correspondence address below

Name

26710

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Steven J. Wietrzny

Registration No. (Attorney/Agent)

44,402

Signature

*Steven J. Wietrzny*

Date

6/27/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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16562 U.S. PTO  
06/27/03

PTO/SB/17 (1-03)  
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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2003</h2> <p style="font-size: small; margin: 0;">Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
		Filing Date	
		First Named Inventor Ronald R. Hinchey, Jr.	
		Examiner Name	
		Group Art Unit	
TOTAL AMOUNT OF PAYMENT		(\$ ) 790.00	
		Attorney Docket No. 900093.92626	

<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT (check all that apply)</h3> <p> <input type="checkbox"/> Check           <input type="checkbox"/> Credit card           <input type="checkbox"/> Money Order           <input type="checkbox"/> Other           <input type="checkbox"/> None       </p> <p><input checked="" type="checkbox"/> Deposit Account:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;">         Deposit Account Number 17-0055       </td> <td style="width: 50%; padding: 2px;">         Deposit Account Name Quarles &amp; Brady LLP       </td> </tr> </table> <p>The Commissioner is authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below           <input checked="" type="checkbox"/> Credit any overpayments       </p> <p> <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application       </p> <p> <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.       </p> <h3 style="text-align: center; margin: 0;">FEE CALCULATION</h3> <h4 style="margin: 0;">1. BASIC FILING FEE</h4> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; font-size: small;">Large Entity</th> <th style="text-align: left; font-size: small;">Small Entity</th> <th style="text-align: left; font-size: small;">Fee Description</th> <th style="text-align: right; font-size: small;">Fee Paid</th> </tr> <tr> <th style="font-size: x-small;">Fee Code (\$)</th> <th style="font-size: x-small;">Fee Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1001 750</td> <td>2001 375</td> <td>Utility filing fee</td> <td style="text-align: right;">750.00</td> </tr> <tr> <td>1002 330</td> <td>2002 165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003 520</td> <td>2003 260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004 750</td> <td>2004 375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005 160</td> <td>2005 80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td style="text-align: right;">(\$ ) 750.00</td> </tr> </tbody> </table> <h4 style="margin: 0;">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h4> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; font-size: small;">Total Claims</th> <th style="text-align: left; font-size: small;">Extra Claims</th> <th style="text-align: left; font-size: small;">Fee from below</th> <th style="text-align: right; font-size: small;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>8 - 34** = 0</td> <td>0 X</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td>2 - 3** = 0</td> <td>0 X</td> <td style="text-align: right;">0.00</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; font-size: small;">Large Entity</th> <th style="text-align: left; font-size: small;">Small Entity</th> <th style="text-align: left; font-size: small;">Fee Description</th> <th style="text-align: right; font-size: small;">Fee Paid</th> </tr> <tr> <th style="font-size: x-small;">Fee Code (\$)</th> <th style="font-size: x-small;">Fee Code (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201 84</td> <td>2201 42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203 280</td> <td>2203 140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204 84</td> <td>2204 42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td style="text-align: right;">(\$ ) 0.00</td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number previously paid, if greater; For Reissues, see above</p>	Deposit Account Number 17-0055	Deposit Account Name Quarles & Brady LLP	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)			1001 750	2001 375	Utility filing fee	750.00	1002 330	2002 165	Design filing fee		1003 520	2003 260	Plant filing fee		1004 750	2004 375	Reissue filing fee		1005 160	2005 80	Provisional filing fee		<b>SUBTOTAL (1)</b>			(\$ ) 750.00	Total Claims	Extra Claims	Fee from below	Fee Paid	Independent Claims	8 - 34** = 0	0 X	0.00	Multiple Dependent	2 - 3** = 0	0 X	0.00	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)			1202 18	2202 9	Claims in excess of 20		1201 84	2201 42	Independent claims in excess of 3		1203 280	2203 140	Multiple dependent claim, if not paid		1204 84	2204 42	** Reissue independent claims over original patent		1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>			(\$ ) 0.00	<h3 style="text-align: center; margin: 0;">FEE CALCULATION (continued)</h3> <h4 style="margin: 0;">3. 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type) Steven J. Wietrzny	Registration No. (Attorney/Agent) 44,402	Telephone 414-277-5415	Date 6/27/2003
Signature 			

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